International Endodontic Journal (1993) **26**, 375–378

Author and Subject Index to Volume 26

Absi, E. *see* Addy *et al.*, 3
Adams, D. *see* Addy *et al.*, 3
Addy, M., Absi, E. & Adams, D. Replication of sensitive dentine (Measurement Techniques Workshop), 3
Ahmad, M., Roy, R.A., Ghani Kamarudin, A. & Safar, M. The vibratory pattern of ultrasonic files driven piezoelectrically, 120
Aktener, B.O. & Pehlivan, Y. Sealing ability of cermet ionomer cement as a retrograde filling material, 137
Aktener, B.O. *see* Okşan *et al.*, 301; Pişkin *et al.*, 234
Alatli-Kut, I. *see* Hellsing *et al.*, 93
Amalgam
see Özata *et al.*, 241
Anić, I., Dzubur, A., Vidović, D. & Tudja, M. Temperature and surface changes of dentine and cementum induced by CO_2 laser exposure, 284
Antibacterial
see Coogan & Creavan, 355
Antibiotic prophylaxis
see Cooper, R., 369
Antimicrobial activity
see Milosevic, A., 106
Apical leakage
see Dummer *et al.*, 99
Apical seal
see de Cleen, M.J.H., 53
Apicectomy
see Chong *et al.*, 218

Briggs, P.F.A. *see* Gulabivala *et al.*, 26
Briseño Marroquín, B., Sobarzo-Navarro, V. & Devens, S. The influence of different engine-driven, sound ultrasound systems and the Canal Master on root canal preparation: an *in vitro* study, 190
Bryant, R. *see* Thomas *et al.*, 257

Calcium hydroxide
see Tamburic *et al.*, 125; Caliskan, M.K., 142
Calcium hydroxide cements
see Milosevic, A., 106
Calcium hydroxide paste
see Fava, L.R.G., 306
Calcium release
see Tamburic, S.D., 125
Caliskan, M.K. Success of pulpotomy in the management of hyperplastic pulpitis, 142
Case report
see Reid *et al.*, 246
Cermet cements
see Özata *et al.*, 241
Cermet ionomer
see Aktener & Pehlivan, 137
Cheung, G.S.P. & Stock, J.R. *In vitro* cleaning ability of root canal irrigant with and without endosonics, 334
Cholesteratoma
see Nair *et al.*, 225
Chong, B.S., Pitt Ford, T.R. & Watson, T.F. Light-cured glass ionomer cement as a retrograde root seal, 218
Clarke, N.G. *see* Hirsch & Clark, 362

de Cleen, M.J.H. The relationship between the root canal filling and post space preparation, 53
de Cleen, M.J.H., Wesselink, P.R. & Wu, M.-K. Periapical status and prevalence of endodontic treatment in an adult Dutch population, 112
Clinical success
see Caliskan, M.K., 142
Clinical/radiographic study
see Ørstavik & Hörsted-Bindslev, 348
CO_2 laser
see Anić *et al.*, 284
Coogan, M.M. & Creavan, P.J. Antibacterial properties of eight dental cements, 355
Cooper, H. Root canal treatment on patients with HIV infection, 369
Creavan, P.J. *see* Coogan & Creavan, 355

De Gee, A.J. *see* Wu *et al.*, 203
Dental anxiety
see Eli, I., 251
Dental cements
see Coogan & Creavan, 355
Dental cementum
see Anić *et al.*, 284
Dental pulp diseases
see Hirsch & Clarke, 362
Dental restoration
see Huysmans *et al.*, 294
Dentinal tubules
see Wakabayashi *et al.*, 153; Okşau *et al.*, 301
Dentine
see Gutmann & Pitt Ford, 273; Anić *et al.*, 284
Dentoalveolar abcess
see Hirsch & Clarke, 362
Dentoalveolar ankylosis
see Hellsing *et al.*, 93
Devens, S. *see* Briseño Marroquín *et al.*, 190
Duivenvoorden, H.J. *see* Schuurs *et al.*, 44
Dummer, P.M.H., Hutchings, R. & Hartles, F.R. Comparison of two sonic handpieces during the preparation of simulated root canals, 159
Dummer, P.M.H., Hutchings, R. & Hartles, F.R. The effect of using files with altered tips in a sonic handpiece: an *in vitro* study, 209
Dummer, P.M.H., Kelly, T., Meghji, A., Sheikh, I. & Vanitchai, T. An *in vivo* study of the quality of root fillings in teeth obturated by lateral condensation of gutta-percha or Thermofil obturators, 99
Dye leakage
see Gutmann *et al.*, 179
Dzubur, A. *see* Anić *et al.*, 284

Edwall, L. Monitoring blood flow changes by radioisotope clearance from a depot in a cavity in dentine (Measurement Techniques Workshop), 7
Eli, I. Dental anxiety: a cause for possible misdiagnosis of tooth vitality, 251
Endodontic failures
see Nair *et al.*, 225

Endodontic filling materials
see Ørstavik & Hörsted-Bindslev, 348
Endodontic post
see Huysmans *et al.*, 294
Endodontic retreatment
see Friedman *et al.*, 169
Endodontic surgery
see Jackson & Tidmarsh, 198; Gutmann & Pitt Ford, 273
Endodontics
see Dummer *et al.*, 209; Thomas *et al.*, 257; Cheung & Stock, 334
Endodontology
see de Cleen, M.J.H., 53; de Cleen *et al.*, 112
Endosonics
see Gulabivala *et al.*, 26; Dummer *et al.*, 209
Engine-driven
see Briseño Marroquín *et al.*, 190
Epidemiology
see de Cleen *et al.*, 112
Erdilek, N. *see* Özata *et al.*, 241
Extrusion
see Gutmann *et al.*, 173; 179

Fatigue
see Huysmans *et al.*, 294
Fava, L.R.G. A clinical evaluation of one- and two-appointment root canal therapy using calcium hydroxide, 372
Fava, L.R.G. Calcium hydroxide paste in the maxillery sinus: a case report, 306
Fluid transport
see Wu *et al.*, 203
Fouad, A.F. The use of electronic apex locators in endodontic therapy (Measurement Techniques Workshop), 13
Friedman, S., Moshonov, J. & Trope, M. Residue of gutta-percha and a glass ionomer cement sealer following root canal retreatment, 169

Gazelius, B., Lindh-Strömberg, U., Pettersson, H. & Öberg, P.Å. Laser Doppler technique—a future diagnostic tool for tooth pulp vitality (Measurement Techniques Workshop), 8
Ghani Kamarudin, A. *see* Ahmad *et al.*, 120
Glass ionomer
see Özata *et al.*, 241
Glass ionomer cement
see Friedman *et al.*, 169; Chong *et al.*, 218
Griffiths, B.M. *see* Watson & Griffiths, 11
Gulabivala, K., Briggs, P.F.A. & Setchell, D.J. A comparison of the dentine-removing characteristics of two endosonic units, 26
Gutmann, J.L. & Pitt Ford, T.R. Management of the resected root end: a clinical review, 273
Gutmann, J.L. Adaption of injected thermoplasticized gutta-percha in the absence of dentinal smear layer, 87
Gutmann, J.L. *see* Saunders *et al.*, 184
Gutmann, J.L., Saunders, W.P., Saunders, E.M. & Nguyen, L. An assessment of the plastic Thermafil obturation technique. Part 1. Radiographic evaluation of adaption and placement, 173
Gutmann, J.L., Saunders, W.P., Saunders, E.M. & Nguyen, L. An assessment of the plastic Thermafil obturation technique. Part 2. Material adaption and sealability, 179
Gutmann, M.L. *see* Saunders *et al.*, 184
Gutta-percha
see Wu & Wesselink, 37; Schuurs *et al.*, 44; Gutmann, J.L., 87; Dummer *et al.*, 99; Friedman *et al.*, 169; Smith *et al.*, 321

Hanımarstrom, L. *see* Hellsing *et al.*, 93
Hartles, F.R. *see* Dummer *et al.*, 159; 209
Harty, F.J. *see* Smith *et al.*, 321
Heat
see Gutmann, J.L., 87
Heated gutta-percha
see Gutmann *et al.*, 173; Gutmann *et al.*, 179; Saunders *et al.*, 184
Hellsing, E., Alatli-Kut, I. & Hammarstrom, L. Experimentally induced dentoalveolar ankylosis in rats, 93
Heyeraas, K.J. Micropuncture measurements of interstitial fluid and vascular pressures in dental pulp (Measurement Techniques Workshop), 15
Hirsch, R.S. & Clarke, N.G. Pulpal disease and bursts of periodontal attachment loss, 362
HIV infection
see Cooper, H., 369
Holland, G.R. Leakage around root canal fillings (Measurement Techniques Workshop), 15
Horiuchi, H. Determining the internal morphology of root canals (Measurement Techniques Workshop), 12
Hörsted-Bindslev, P. *see* Örstavik & Hörsted-Bindslev, 348
Hutchings, R. *see* Dummer *et al.*, 159; 209
Huysmans, M.-C.D.N.J.M., Peters, M.C.R.B., van der Varst, P.G.T. & Plasschaert, A.J.M. Failure behaviour of fatigue-tested posts and cores, 294
Hyperplastic
see Pişkin *et al.*, 234
Hyperplastic pulpitis
see Caliskan, M.K., 142

Iatrogenic errors
see Fava, L.R.G., 306
Immunology
see Marton & Kiss, 131
Inflammation
see Marton & Kiss, 131
Irrigation
see Cheung & Stock, 334

Jackson, A.P. & Tidmarsh, B.G. Simulation models for teaching endodontic surgical procedures, 198

Karakişi, H. *see* Pişkin *et al.*, 234
Kelly, T. *see* Dummer *et al.*, 99
Kettering, J.D. & Torabinejad, M. Presence of natural killer cells in human chronic periapical lesions, 344
Kiss, C. *see* Marton & Kiss, 131
Konturri-Närhi, V. & Närhi, M. Testing sensitive dentine in man (Measurement Techniques Workshop), 4

Lateral condensation
see Wu & Wesselink, 37; Schuurs *et al.*, 44
Leakage
see Schuurs *et al.*, 44; Saunders *et al.*, 184; Wu *et al.*, 203; Özata *et al.*, 241
Leakage studies
see Wu & Wesselink, 37
Length determination
see Powell-Cullingford & Pitt Ford, 268
Lindh-Strömberg, U. *see* Gazelius *et al.*, 8

MacDonald, D.G. *see* Reid *et al.*, 246
Marton, I.J. & Kiss, C. Characterization of inflammatory cell infiltrate in dental periapical lesions, 131

Material adaptation
see Gutmann *et al.*, 179
Matsumoto, K. *see* Wakabayashi *et al.*, 153
Matthews, B. & Vongsavan, N. Advantages and limitations of laser Doppler flow meters (Measurement Techniques Workshop), 9
Matthews, B. *see* Vongsavan & Matthews, 10
Maxillary incisors
see Reid *et al.*, 246
Maxillary permanent first molar tooth
see Thomas *et al.*, 257
Mechanical behaviour
see Huysmans *et al.*, 294
Meghji, A. *see* Dummer *et al.*, 99
Meyer, M.W. Pulpal blood flow: use of radio-labelled microspheres (Measurement Techniques Workshop), 6
Microorganisms
see Coogan & Creavan, 355
Milosevic, A. *In vitro* antimicrobial activity of calcium hydroxide cements on *Streptococcus sanguis* NCTC 7864, 106
Moorer, W.R. *see* Wu *et al.*, 203
Moshonov, J. *see* Friedman *et al.*, 169
Moule, A.J. *see* Thomas *et al.*, 257
Multiple root canals
see Reid *et al.*, 246

Nair, P.N.R., Sjögren, U., Schumacher, E. & Sundqvist, G. Radicular cyst affecting a root-filled human tooth: a long-term post-treatment follow-up, 225
Nakamura, Y. *see* Wakabayashi *et al.*, 153
Närhi, M. *see* Konturri-Närhi & Närhi, 4
Natural killer cells
see Kettering & Torabinejad, 344
Neural changes
see Pişkin *et al.*, 234
Nguyen, L. *see* Gutmann *et al.*, 173; 179
Non-setting pastes
see Tamburic *et al.*, 125

Öberg, P.Å. *see* Gazelius *et al.*, 8
Obturation
see Gutmann *et al.*, 173; 179
Ognjanović, J.M. *see* Tamburic *et al.*, 125
Okşan, T., Aktener, B.O., Şen, B.H. & Tezel, H. The penetration of root canal sealers into dentinal tubules. A scanning electron microscopic study, 301
Orchardson, R. Clinical measurement of hypersensitive dentine (Measurement Techniques Workshop), 5
Ørstavik, D. & Hörsted-Bindslev, P. A comparison of endodontic treatment results at two dental schools, 348
Oscillation pattern
see Ahmad *et al.*, 120
Özata, F., Erdilek, N. & Tezel, H. A comparative sealability study of different retrofilling materials, 241

Pain
see Eli, I., 251
Panavia Ex.
see Coogan & Creaven, 355
Pehlivan, Y. *see* Aktener & Pehlivan, 137
Periapical disease
see Marton & Kiss, 131
Periapical lesions
see Cheung & Stock, 344
Periodontal diseases
see Hirsch & Clarke, 362
Peters, M.C.R.B. *see* Huysmans *et al.*, 294
Pettersson, H. *see* Gazelius *et al.*, 8
Piezoelectric transducer
see Ahmad *et al.*, 120
Pişkin, B., Aktener, B.O. & Karakişi, H. Neural changes in ulcerative and hypoplastic pulpitis: a transmission electron microscopic study, 234
Pitt Ford, T.R. *see* Chong *et al.*, 218; Gutmann & Pitt Ford, 273; Powell-Cullingford & Pitt Ford, 268
Plasschaert, A.J.M. *see* Huysmans *et al.*, 294
Post Space
see de Cleen, M.J.H., 53; Saunders *et al.*, 184
Powell-Cullingford, A.W. & Pitt Ford, R.R. The use of E-speed film for root canal length determination, 268
Preparation
see Dummer *et al.*,209
Procedural accidents
see Fava, L.R.G., 306
Prognostic factors
see Ørstavik & Hörsted-Bindslev, 348
Pulpitis
see Pişkin *et al.*, 234
Pulpotomy
see Caliskan, M.K., 142

Raab, W.H.–M. Intra-vital microscopy of pulpal vessels (Measurement Techniques Workshop), 8
Radicular cyst
see Nair *et al.*, 225
Radiographic evaluation
see Gutmann *et al.*, 173
Radiography
see de Cleen *et al.*, 112; Caliskan, M.K., 142; Powell-Cullingford & Pitt Ford, 268
Rats
see Hellsing *et al.*, 93
Reid, J.S., Saunders, W.P. & MacDonald, D.G. Maxillary permanent incisors with two root canals: a report of two cases, 246
Research methodology
see Wu & Wesselink, 37
Resection
see Gutmann & Pitt Ford, 273
Retrofill
see Özata *et al.*, 241
Retrograde filling
see Aktener & Pehlivan, 137
Robinson, P.P. Methods for assessing pulpal innervation and monitoring reinnervation (Measurement Techniques Workshop), 2
Root canal
see Anić *et al.*, 284
Root canal enlargement
see Briseño Marroquín *et al.*, 190
Root canal filling
see Wu *et al.*, 203
Root canal morphology
see Thomas *et al.*, 257
Root canal obturation
see Schurrs *et al.*, 44; Dummer *et al.*, 99; Saunders *et al.*, 184
Root canal preparation
see Gulabivala *et al.*, 26; Dummer *et al.*, 159; Fava, L.R.G., 306
Root canal sealers
see Okşan *et al.*, 301

Root canal therapy
see Smith *et al.*, 321; Cheung & Stock, 334; Ørstavik & Hörsted-Bindslev, 348; Cooper, H., 369
Root canal treatment
see Wu & Wesselink, 37; de Cleen *et al.*, 112; Reid *et al.*, 246
Root dentine
see Wakabayashi *et al.*, 153
Root end
see Gutmann & Pitt Ford, 273
Roy, R.A. *see* Ahmed *et al.*, 120

Safar, M. *see* Ahmad *et al.*, 120
Saunders, E.M. *see* Gutmann *et al.*, 173, 179; Saunders *et al.*, 184
Saunders, W.P. *see* Gutmann *et al.*, 173; 179; Reid *et al.*, 246
Saunders, W.P., Saunders, E.M., Gutmann, J.L. & Gutmann, M.L. An assessment of the plastic Thermafil obtubation technique. Part 3. The effect of post space preparation on the apical seal, 184
Scanning electron microscope
see Gutmann, J.L., 87; Wakabayashi *et al.*, 153; Okşau *et al.*, 301
Schumacher, E. *see* Nair *et al.*, 225
Schuurs, A.H.B., Wu, M.-K., Wesselink, P.R. & Duivenvoorden, H.J. Endodontic leakage studies reconsidered. Part II. Statistical aspects, 44
Sealing ability
see Aktener & Pelilivau, 137; Chong *et al.*, 218
Secondary dentine
see Wakabayashi *et al.*, 153
Şen, B.H. *see* Okşan *et al.*, 301
Setchell, D.J. *see* Gulabivala *et al.*, 26
Setting pastes
see Tamburic *et al.*, 125
Sheikh, I. *see* Dummer *et al.*, 99
Shirasuka, T. *see* Wakabayashi *et al.*, 153
Silver points
see Smith *et al.*, 321
Simulated canals
see Dummer *et al.*, 209
Simulated root canals
see Wakabayashi *et al.*, 153
Simulation
see Jackson & Tidmarsh, 198
Sjogren, U. *see* Nair *et al.*, 225
Smear layer
see Gutmann, J.L., 87; Gutmann & Pitt Ford, 273; Okşan *et al.*, 301; Cheung & Stock, 334
Smith, C.S., Setchell, D.J. & Harty, F.J. Factors influencing the success of conventional root canal therapy—a five-year retrospective study, 321
Sobarzo-Navarro, V. *see* Briseño Marroquín *et al.*, 190
Sonic
see Briseño Marroquín *et al.*, 190
Sonic handpiece
see Wakabayashi *et al.*, 153
Statistical power
see Schuurs *et al.*, 44
Statistics
see Schuurs *et al.*, 44
Stock, J.R. *see* Cheung & Stock, 334
Success rates
see Smith *et al.*, 321
Sundqvist, G. *see* Nair *et al.*, 225

Tamburic, S.D., Vuleta, G. M. & Ognjanović, J.M. *In vitro* release of calcium and hydroxyl ions from two types of calcium hydroxide preparation, 125
Torabinejad, M. *see* Kettering & Torabinejad, 344
Teaching
see Jackson & Tidmarsh, 198
Temperature changes
see Anić *et al.*, 284
Tezel, H. *see* Okşan *et al.*, 301; Özata *et al.*, 241
Thermafil
see Dummer *et al.*, 99; Gutmann *et al.*, 173; 179; Saunders *et al.*, 184
Thomas, R.P., Moule, A.J. & Bryant, R. Root canal morphology of maxillary permanent first molar teeth at various ages, 257
Tidmarsh, B.G. *see* Jackson & Tidmarsh, 198
Tooth vitality
see Eli, I., 251
Trope, M. *see* Friedman *et al.*, 169
Tudja, M. *see* Anić *et al.*, 284

Ulcerative
see Pişkin *et al.*, 234
Ultrasonic
see Briseño Marroquín *et al.*, 190; Cheung & Stock, 334

Vanitchai, T. *see* Dummer *et al.*, 99
van der Varst, P.G.T. *see* Huysmans *et al.*, 294
Vibration
see Ahmad *et al.*, 120
Vidović, D. *see* Anic *et al.*, 284
Vitrebond
see Coogan & Creaven, 355
Vongsavan, N. & Matthews, B. Measuring rates of fluid flow through dentine *in vivo* (Measurement Techniques Workshop), 10
Vongsavan, N. *see* Matthews & Vongsavan, 9
Vuleta, G.M. *see* Tamburic *et al.*, 125

Wakabayashi, H., Matsumoto, K., Nakamura, Y. & Shirasuka, T. Morphology of the root canal wall and arrangement of underlying dentinal tubules, 53
Watson, T.F. & Griffiths, B.M. New developments in confocal optical microscopy for monitoring fluid flow in dentine (Measurement Techniques Workshop), 11
Watson, T.F. *see* Chong *et al.*, 218
Wesselink, P.R. *see* de Cleen *et al.*, 112; Schuurs *et al.*, 44; Wu & Wesselink, 37; Wu *et al.*, 203
Wu, M.-K. & Wesselink, P.R. Endodontic leakage studies reconsidered. Part I. Methodology, application and relevance, 37
Wu, M.-K. *see* de Cleen *et al.*, 112; Schuurs *et al.*, 44
Wu, M.-K., De Gee, A.J., Wesselink, P.R. & Moorer W.R. Fluid transport and bacterial penetration along root canal fillings, 203

X-ray film
see Powell-Cullingford & Pitt Ford, 268